



The Herrington Report

Oct 31-Nov. 4, 2011

Class Wikispace Webpage

<http://armstrong-herrington.wikispaces.com>

I've added two new tabs on electricity to the classroom website. Last week we spent time laying a good foundation for how electricity is generated. Groups were given several materials that might or might not be needed for creating a simple circuit and were challenged to figure out how to get a light bulb to light up. On Friday, they were challenged to find 4 different ways to light the bulb, along with giving an explanation for why it worked.

This week we'll be learning more about hydroelectric power and solar energy. I'll be adding some information and videos on these topics as well as the assignment documents if students lose their copies.

Bring supplies for building your vehicle this week!

Vocabulary and Key Terms:

Hydroelectric power, penstock, turbine, generator, transformer, transmission lines, reservoir, renewable and nonrenewable resources, photovoltaic cells, inverter, storage batteries, direct current, alternating current

Homework:

Monday/Tuesday: Finish Student Energy Sheet

Wednesday/Thursday: Finish designs and any pre-planning and gathering of materials for creation of solar vehicle.



I've turned in two dates for the rescheduling of our Science Fung Night. The dates are November 15 or November 29. As soon as I know the exact date, I'll be printing up new flyers and handing them out.

The Fun Night will include several different stations set up with labs and activities we've completed since the start of school. Students will get to show their loved ones what they've done and will have the opportunity to explain the concepts they understand the most.

Refreshments will be served. I'm looking forward to getting our new date set!